

University of Maryland at College Park

OUTLOOK

February 13, 1989,

Portraits from the Day of Decision



Upper left—At the February 1 press conference announcing the appointment of William E. Kirwan as president of the University of Maryland at College Park, family members present included daughter Ann Elizabeth, a junior at the College Park campus, wife Patty, and son William E. Kirwan III, who received his master's degree in architecture from College Park.

Lower left—Kirwan responds to media questions after accepting the presidency.

Above—Kirwan acknowledges applause after the announcement of his unanimous selection by the Board of Regents.

Major Renovations Recommended for Adele H. Stamp Student Union

When a ten-member group met for the first time in early January to help develop a plan to renovate the Adele H. Stamp Student Union, the meeting represented another major step in a long-term goal of union director Jim Osteen—the goal of making the “living room of the campus” more liveable.

The Adele H. Stamp Student Union is a 250,000-square-foot building that functions more like a small city than like the single structure accommodating the incredibly diverse range of activities and interests that it does. On a typical day during the academic year some 22,000 students, faculty, staff and visitors throng through its crowded corridors on their way to attend a reception or lecture; relax in the rec center or game room; drop by for a snack at Roy Rogers or the Food Coop; read, study, relax or meet a friend in a lounge area; buy a book in the book store, or enjoy a movie in Hoff Theater. A self-supported unit, the 35-year-old student union depends on fee revenue, income from ac-

tivities, and rental of space to support a staff of some 42 people and a \$4.3 million operating budget in 1988.

Recognizing the need for the union to create an aggressive plan that would move it successfully into the next century, two years ago union director Jim Osteen recommended that a task force be convened. Its charge would be to map out a strategic plan for the future of the Stamp Student Union.

Over the next year, this task force headed by architecture professor Ralph Bennett, undertook the major project of understanding the problems and challenges of the union at a critical juncture in its history in order to make recommendations that would help it meet the needs of the campus community well into the next decade.

The result of this analysis was “The Union into the 21st Century Task Force Report.” The report looked at programming, facilities and financial aspects of the union and made a series of major recommendations that the group felt should be implemented in order for the union to better serve

its future constituencies.

The renovation planning group that convened for the first time in January, 1989, was one important outcome of this report. This committee will help the union develop an RFP for architectural consulting assistance to plan renovations of the building.

Some of the recommendations contained in the task force report include:

On programming: broaden the range of campus constituencies active in the union; provide increased opportunities for spontaneous activity with little advance notice; develop more incentives for students to participate in the SU Program Council; develop a more unified campus calendar of events; increase opportunities for student performances and exhibitions; provide more opportunities for groups not now using the union.

On physical facilities-planning: urge campus leadership to include union director in comprehensive planning of other campus facilities with related functions; begin inspections, assessment, planning and scheduling of major facility maintenance; request major

capital commitment for physical renewal of the building; schedule and perform deferred maintenance and make minor changes in appearance and space utilization; design and build a major renovation of the facility within the existing envelope; add space and make major renovations to the existing building.

On financial management: decisions regarding space should not be driven by revenue considerations any more in the future than they are now; consider additional sources of revenue, such as charging rent from groups not now paying their share; review financial bases of current commercial uses and leases in the union; seek revision of some campus budgeting policies that bring financial difficulties to the union; set up procedures for receiving data from peer institutions to support budget requests; and establish procedures for cost avoidance and reduction.

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Spring Lecture Series Examines Biotechnology Issues

The Committee on the History and Philosophy of Science and the Committee on Science, Technology and Society Studies are sponsoring a lecture series this spring titled "Historical and Philosophical Issues in Biotechnology." On February 16 at 3:30 p.m. in 1117 Francis Scott Key, Bob Cook-Deegan, a senior associate with the Office of Technology Assessment, will present "Science and Politics of the Human Genome." Other lecture topics throughout the semester include genetic engineering, animal research and recombinant DNA. For a full list of lectures please call the CHPS office at 454-3978.

RESEARCH HIGHLIGHTS

Professors Receive General Research Board Awards for 1989-1990

The Graduate School has announced the winners of the 1989-1990 General Research Board Awards from applications received in fall 1988. Following is a list of Semester and Research Support Awards. Next week *Outlook* will print the Summer and Book Subsidy Awards.

SEMESTER AWARDS

COLLEGE OF ARTS AND HUMANITIES



Hasia Diner

American Studies

- Hasia Diner, American Jewish Civilization: 1820-1880

English

- Neil Fraistat, The Making of Shelley's Texts
- Donna Hamilton, Shakespeare and the Politics of Protestant England
- Martha Smith, With the Exception of Shakespeare, Titanic Operas, Writing with the Devil in Her

Hebrew and East Asian

- Harold Kerkham, Matsuo Basho's Early Prose Works and the Image of Traveler-Poet
- Stuart Sargent, Four Major Chinese Poets: A Chronological Reading, 1075-1125

History

- David Grimsted, Rioting in the United States, 1828-1861: Economic Ethnic, Religious and Racial Violence

Music

- H. Robert Cohen, Critical Edition of Music Criticism of Hector Berlioz: Volume One (1823-34)

Philosophy

- Michael Devitt, Representation
- Patricia Greenspan, Moral Dilemmas and Metaethics: Keeping Ethics Action-Guiding
- Frederick Suppe, A Quasi-Realistic Theory of Scientific Knowledge

Spanish and Portuguese

- Jose Naharro-Calderon, Spanish Post-War Poetry and the Canon of Exile (1939-1950)

Women's Studies

- Evelyn Beck, Power and Gender in the Works of Franz Kafka

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Institute for Urban Studies

- Richard Hula, Alternative Community Development Strategies: Privatization and Urban Policy

Psychology

- Clara Hill, Training Therapists to Be More Aware of Client Reactions
- Katherine Klein, Implementing Computerized Manufacturing Technology: A Test of the Organizational Determinants of Technology Outcomes
- Merilyn Penner, Tinnitus and Internal Tones of Cochlear Origin

Sociology

- Jerald Hage, The Role of the State in Stimulating Economic Growth and Social Mobility
- Jay Teachman, The Determinants and Outcomes of Child Support Awards

COLLEGE OF BUSINESS AND MANAGEMENT

Information Systems

- Michael Ball, Network and Com-

binatorial Reliability Analysis: New Models and Applications

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Computer Science

- Dana Nau, Geometric Reasoning for Automated Manufacturing

Mathematics

- David Hamilton, Boundary Problems in Analysis
- Rebecca Herb, The Schwartz Space of Semisimple Lie Groups
- Christopher Jones, Stability of One-Dimensional Waves
- Scott Wolpert, Moduli of Riemann Surfaces

Physics and Astronomy

- James Griffin, Quadronium: Key to the Subscript Puzzle
- Theodore Jacobson, Research on Conceptual Foundations of Quantum Gravity

COLLEGE OF ENGINEERING



James Wallace

Mechanical Engineering

- James Wallace, Comparative Study of the Vorticity Field in Turbulent Flows: Theory, Computations, Experiment

COLLEGE OF LIFE SCIENCES

Chemistry and Biochemistry

- William Walters, Quark Deconfinement Effects as Manifested on Magnetic Moments of Nuclides Near Sn-132

Zoology

- Lin Chao, The Evolution of Sex in the RNA Virus Phi6
- Marco Colombini, Probing the Molecular Mechanisms of a Voltage-Dependent Channel

SCHOOL OF PUBLIC AFFAIRS



Susan Houseman

Public Affairs

- Susan Houseman, Labor Adjustment Policies in the United States, Germany and Japan

BOOK SUBSIDY AWARDS

COLLEGE OF ARTS AND HUMANITIES

English

- Vincent Carretta, George III and the Satirists from Hogarth to Byron

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Government and Politics

- Richard Claude, Human Rights in the World Community: Issues and Action ■

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



Minority Student Job Fair Set

The annual Minority Student Job Fair will take place Wed., Feb. 15 in the Grand Ballroom of the Stamp Student Union. It will be held from 9 a.m. to 3:30 p.m. Co-sponsored by the Career Development Center and the Office of Minority Student Education, the fair is an excellent opportunity for minority students to investigate a variety of employment opportunities — including full-time, part-time, summer and internship and co-op positions. More than 65 local and national companies and federal agencies will be represented. For more information contact x4901 or x2813.

Who Should be Honored for Helping the Disabled?

The President's Commission on Disability Issues is seeking nominations for its annual awards. The awards are given to recognize a student and a faculty/staff person who have worked to improve the quality of life for disabled persons on this campus. The deadline for nominations is March 1. Additional information or nomination forms may be obtained from John King, 454-4737.

Davydd Greenwood Named New International Affairs Director

Davydd Greenwood, former director of the Center for International Studies at Cornell University, has been named the new director of International Affairs at UMCP.

Greenwood, a native of Colorado, will also be a professor of anthropology and business and management.

Greenwood, who graduated Phi Beta Kappa from Grinnell College in 1964 and went on to receive his Ph.D. from the University of Pittsburgh in 1970, was the John S. Knight Professor of International

Studies and Professor of Anthropology at Cornell University, as well as Director of the Center for International Studies from 1983 to 1988. The center, one of the largest in the nation, has 22 different programs.

Greenwood, who first came to Cornell in 1970 as an assistant professor of anthropology, has done field research work in Spain and Mexico and is the author of three books, including *Unrewarding Wealth: Commercialization and the Collapse of Agriculture in a Spanish Basque Town*; *Nature, Culture and Human*



Davydd J. Greenwood

History: A Bio-cultural Introduction to Anthropology and The Taming of Evolution: The Persistence of Nonevolutionary Views in the Study of Humans.

He is currently co-authoring a book entitled, *The Corporate Culture in Mondragón: Social and Cultural Dimensions of Industrial Democracy in the Fagor Cooperative Group*. Greenwood says that he finds his new position very challenging.

"With additional support and long-range planning the university could quickly become a national leader in key areas," says Greenwood of the International Affairs Program. ■

Six Scholars Receive First Academic Year Awards

by Leo Damrosch

At its fall meeting the General Research Board (GRB) selected six recipients of the newly-instituted Academic Year Awards, which are intended to honor the university's finest scholars and to free them for a full year of significant research. Initial nominations were made by the colleges, with the proviso that no college would have more than two recipients. Two winners were named from BSOS, two from CMPS, one from Arts and Humanities, and one from Architecture.

Amihoud Amir (Computer Science) will work on algorithms that can allow computers to recognize objects in pictures, specifically in aerial photographs where differences in scale, orientation, brightness and level of detail pose serious difficulties for pattern matching. Amir received his Ph.D. in mathematics from Bar-Ilan University in Israel and came to College Park in 1985.

S.M. Bhagat (Physics and Astronomy) has been involved with the university's widely publicized work in high temperature superconductivity and will continue this research under the GRB grant. He received his Ph.D. from the University of Delhi in 1956 and joined the Maryland faculty in 1962.

Robert J. Dooling (Psychology) will continue his work on speech perception by animals, using birds since most other animals do not develop vocalizations by learning. In his research proposal Dooling notes that no computer has come close to the human ability to perceive speech accurately, and that the budgerigar, with a brain no larger than a human thumb, shows "the same phonemically appropriate perceptual categories for consonants and vowels that

humans do." Dooling holds a Ph.D. from St. Louis University and joined the Maryland faculty in 1981.

Richard A. Etlin (Architecture) will study "Le Corbusier and Frank Lloyd Wright: The Romantic Legacy," arguing that important modernist ideas in architecture derive from nineteenth-century thought. Etlin is a Princeton Ph.D. who came to College Park in 1981 after teaching at the University of Kentucky.

John C. Haltiwanger (Economics) will continue a project begun with National Science Foundation support and with cooperation from the Census Bureau to develop data concerning disturbances in labor demand in particular economic sectors and establishments. Haltiwanger received his Ph.D. from Johns Hopkins and taught at UCLA before coming to Maryland in 1987.

James Henretta (History) will study "Law and the Creation of the Liberal State in America, 1770-1900." Working principally with the documentary records of New York State, Henretta will examine the relationship between legal institutions, social relations and historical change. He took his Ph.D. at Harvard and has been a fellow of the Harvard Law School, has taught at Princeton, UCLA and Boston University, and since 1985 has been Burke Professor of History at College Park and an adjunct professor at the University of Maryland Law School. ■

Leo Damrosch is acting Associate Dean for Academic Affairs

Parents Asked to Reinforce Student Security Awareness

Patricia Mielke, director of Resident Life, has sent out two letters about students' role in promoting dorm security. One was directed to 6,800 resident students returning for spring semester, citing common sense security precautions they should follow in their dorms. The other was sent to their parents, asking them to discuss the precautions with their sons and daughters.

"We prefer that residents treat their residence hall as you probably insist they treat their home. That means always locking all the doors, not admitting strangers, and being wary

about persons whom you don't know or who act suspiciously," notes the letter to parents. In addition to talking over such matters with their children, parents are also invited to communicate any questions they may have to the Resident Life office at 454-2711 or 454-4276.

The letters were not sent in response to any particular incidents. "It just seemed like a good idea to have student personal security as widely discussed and understood as possible," says Mielke. "The response from parents has been very positive." ■

Improved Student Union Recommended by Task Force

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The renovation plan for the union should be based on the assumptions that the existing shell should be retained, that current retail activities will continue to be part of the union, and that planning should be based on themes reflecting the mission and goals of the union rather than an amalgamation of current tenants and sub units, says the report.

Some of the facilities problems expected to be addressed in the renovation process include improving the substandard HVAC; improvements in entrances, hallways and stairwells; upgrade of bathrooms, meeting rooms, and lighting systems; use of retail and dining space; upgrade of the recreation center, program office and student organizations suites. ■

—Roz Hiebert

Current Space Allocation in the Stamp Student Union (Rounded to nearest whole number)



Calendar

February 13 — February 22

13 MON

Campus Senate: Chairman of the UM Board of Regents Peter O'Maley and UMCP President William E. Kirwan will address the senate, 3:30 p.m., 0126 Reckord Armory. Call x4549 for info.

Entomology Colloquium: "Legal and Policy Issues of Agricultural Biotechnology," Margaret Mellon, National Wildlife Federation, 4 p.m., 0200 Symons Hall. Call x7133 for info.

Horticulture Seminar: "Crop Genetics Cooperatives," Timothy Ng, 4 p.m., 0128B Holzappel Hall. Call x3606 for info.

Space Science Seminar: "Dayside High-Latitude Ground Observations of Solar Wind-Magnetosphere-Ionosphere Interactions," Robert Clauer, Stanford U., 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

Black History Month Film: "A Class Divided," followed by a discussion, 7 p.m., LaPlata Study Lounge. Call x4276 for info.

Guameri String Quartet Open Rehearsal, with pianist Robert McCoy, featuring the Piano Quintet by Alfred Schnittke, 7 p.m. Tawes Recital Hall. Call x6669 for info.

14 TUE

Benefits Orientation for New Faculty and Staff, 10 a.m., 2202 Hornbake Library. Call x6312 for info.

Black History Month Film: "Last of the Blue Devils," 4 p.m., Hoff Theater. Call x4987 for info.

Physics and Astronomy Colloquium: "Test of the Linear-Zero Threshold Theory of Carcinogenesis," Bernard Cohen, U. of Pittsburgh, 4 p.m., 1410-1412 Physics Bldg. Call x3512 for info.

Women's Business and Management Panel Discussion: "What Every Woman Needs to Know In Order to Move Up the Corporate Ladder," 5:30-7 p.m., Maryland Room, Marie Mount Hall. Call x6553 for info.

Black History Month Film: "Bird," 6 & 9 p.m., matinees Feb 16 & 18, 3 p.m., Hoff Theater. Call x4987 for info.

15 WED

Minority Student Job Fair, 9 a.m.-3 p.m., Stamp Union Grand Ballroom. Call x4901 or x2813 for info.

Black Drama Workshop Production: "Makin It," noon, Tawes Theatre. Call x6797 for info.

Counseling Lecture: "Maintaining a Service Mentality for the State of Maryland as We Reduce Opportunities for Admission to UMCP," Linda Clement, noon-1 p.m., 0106

Shoemaker Bldg. Call x2932 for info.

Black History Month Film: "Rue cases-negres," in French with English subtitles, followed by a discussion, 3 p.m., 3118 Jimenez Hall. Call x4304 for info.

Housing and Design Lecture: Title TBA, Robert Graff, Virginia Polytechnic Institute, 4 p.m., Maryland Room, Marie Mount Hall. Call x1543 for info.

Black History Month Film: "Mississippi Blues," 4 p.m., Hoff Theater. Call x4987 for info.

Astronomy Colloquium: "Helioseismic Observations of the Solar Interior," Kenneth Libbrecht, Caltech, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x6650 for info.

Chamber Theatre Performance: "The Tip of the Iceberg: Hemingway's Stories On Stage," performed by the Readers Theatre Ensemble, U. of North Carolina, 8 p.m., Tawes Recital Hall. A contribution is requested. Call x6957 for info.



Early American History Seminar: "Settlement and Society in 18th-Century Virginia: The Evolution of Town and Country Relations in Frederick County, 1730-1800," Robert Mitchell and Warren Hofstra, Shenandoah College, 8 p.m., 1104 Stamp Union. Call x4205 for info.

16 THU

Education Lecture: "Issues and Problems in Research and Publication in Nigeria: the Journal Factor," Allyson Sesay, 3:15-4:15 p.m., 0210 Benjamin Bldg. Call x4032 for info.

Meteorology Seminar: "The Role of Diabatic Processes in Rapid Cyclogenesis," Richard Reed, U. of Washington, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info.

CHPS Lecture: "Science and Politics of the Human Genome," Bob Cook-Deegan, Office of Technology Assessment, 3:30 p.m., 1117 F. S. Key Hall. Call x2850 for info.

Economics and National Security Seminar: "The Health Status of the Soviet Civilian and Military Populations," Murray Feschbach, Georgetown U., 4 p.m., 1101 Morrill Hall. Call x3457 for info.

Reliability Engineering Lecture: "Reliability Issues in the U.S. Space Program," Harry Dawson, House Committee on Space Science, 5:15-6:15 p.m., 2115 Chemical/Nuclear Engineering Bldg. Call x1951 for info.

17 FRI



Published Women Luncheon: Sharon Harley, Afro-American Studies, will speak on her work-in-progress about Black wage-earning women in Washington, DC., noon, Rossborough Inn, \$8. Call x3940 for reservations.

Computer Science Guest Lecture: "Data Liberation: Goals for the Next Generation of End-User Software and User Environments," Ronald F. E. Weissman, Brown U., 1:30 p.m., 2324 Computer Science Center Bldg. Call x4255 for info.

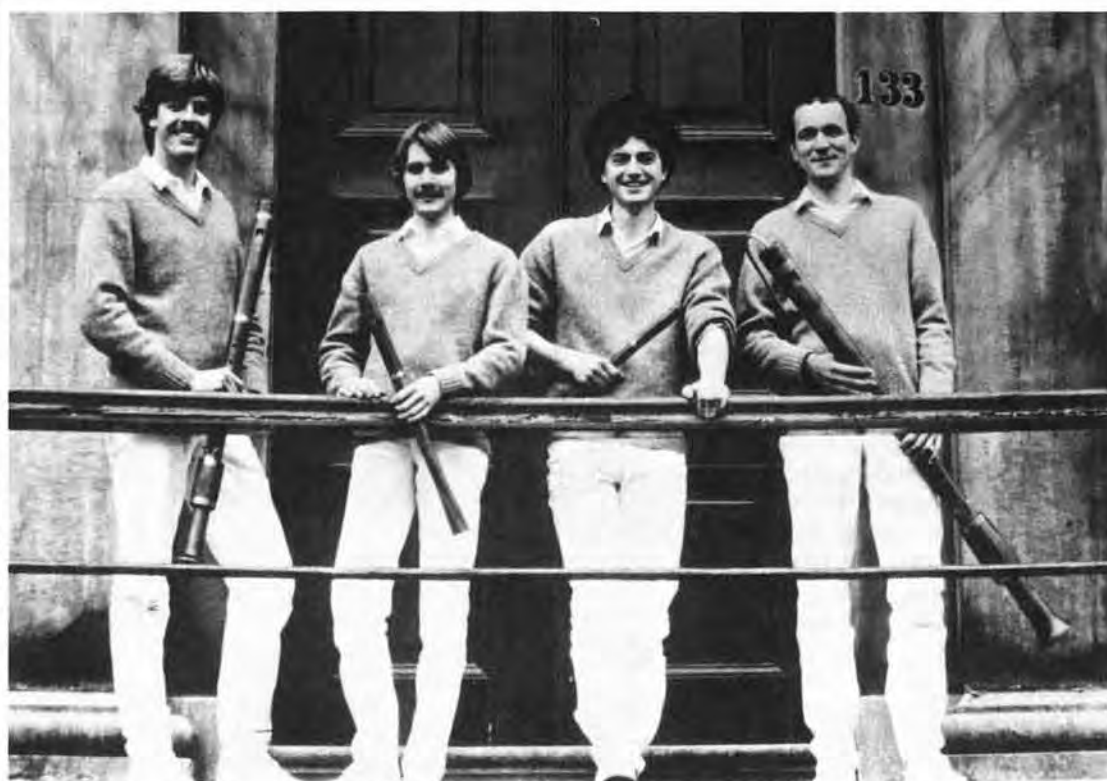
Room, Mill Bldg. Call x7002 for info.

Mathematics Student-Faculty Colloquium: "Quasi-Well-Orderings," James Owings, 3 p.m., 3206 Mathematics Bldg. Call x3762 for info.

Science and Technology in their Social Context Lecture: "Blacks and American Science: The Case of Ernest Everett Just," Kenneth R. Manning, M.I.T., 3:15 p.m., 2203 Art/Sociology Lecture Hall. Call x8862 for info.

Entomology Colloquium: "Current Status of the Formosan Subterranean Termite," Patricia Zungoli, Clemson U., 4 p.m., 0200 Symons Hall. Call x7133 for info.

Horticulture Seminar: "Regulation of Auxen Metabolism," Jerry Cohen, USDA-Agriculture Research



The Amsterdam Loeki Stardust Quartet will perform Saturday, February 18 at 8 p.m. in the Center of Adult Education.

18 SAT

Station, Beltsville, 4 p.m., 0128B Holzappel Hall. Call x3606 for info.

Space Science Seminar: TBA, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

University Community Concert: Amsterdam Loeki Stardust Quartet, program TBA, pre-concert symposium at 6:30 p.m., performance at 8 p.m., Center for Adult Education, \$13 and \$11.50. Call x6534 for info.

20 MON

Registration for Doubles Racquetball, 8:30 a.m.-6 p.m., Campus Recreation Services, Reckord Armory Lobby, registration closes Feb. 28. Call x3124 for info.

Stress Expo, 11 a.m.-5 p.m., Tortuga Room Section B, Stamp Union. Call x3444 for info.

Linguistics Lecture: "Lexical Prosodic Constituency," Sharon Inkelas, UCLA, noon, Seminar

Art Exhibit and Reception: "Alfredus Williams: Spirit of Dominica," today through March 17, reception 5-7 p.m. tonight, Parents Association Gallery, Stamp Union. Call x4754 or x8309 for info.

21 TUE

Physics and Astronomy Colloquium: "Quadrupole Rosetta Stone for the e'e Puzzle?" James Griffin, 4 p.m., 1410-1412 Physics Bldg. Call x3512 for info.

Black History Month Film: "A Class Divided," followed by a discussion, 7 p.m., Cumberland G Lounge. Call x4276 for info.

Movie: "Jean de Florette," 4:30 p.m. and 7 p.m. today, 7 p.m. through Feb. 23, Hoff Theater. Call x2594 for info.

Movie: "Cocktail," 9:30 p.m., today through Feb. 26, 4 p.m., Feb. 24, Hoff Theater. Call x2594 for info.

22 WED

Counseling Center Lecture: "Opportunities in Graduate Education for Minority Students: Current Issues and Looking to the Future," Dario Cortes, noon, 0106 Shoemaker Bldg. Call x2931 for info.

Astronomy Colloquium: "In, Out, and Round-About: Motion of Molecular Gas Near Massive Stars," James Jackson, Max Plank Institute fur Physik und Astrophysik, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x6650 for info.

Talent Show: "An Evening of the Blues," 8 p.m., Denton Dining Hall. Call x4277 for info.

* Admission charged for this event. All others are free.

CSC Launches Guest Lecture Series

Ronald F. E. Weissman, formerly special assistant to President Kirwan and associate director of academic computing at UMCP, will deliver the first in the Computer Science Center's guest lecture series, Fri., Feb. 17 at 1:30 p.m. in Room 2324 of the Computer Science Center Building. Weissman recently left UMCP to become assistant vice president for computing and associate professor of history at Brown University in Providence, R.I. The title of his lecture will be "Data Liberation: Goals for the Next Generation of End-user Software and User Environments." A reception in the third floor lounge, Room 3316, will follow Weissman's remarks.

ARTS AT MARYLAND

History Conference Will Explore the Effect of Work on Slave Life

A spring history conference at UMCP will explore an important, but often neglected, facet of slave life in the Americas — labor.

An international cast of scholars will meet April 12-14 at UMCP for a conference, "Cultivation and Culture: Labor and the Shaping of Slave Life in the Americas."

Papers and discussion during the conference will focus on how slaves helped determine the type of culture they developed. Scholars will examine slave cultures in South America and the Caribbean as well as in the United States.

"We're dealing with questions on the cutting edge of the study of

slavery," says Ira Berlin, professor of history and co-chairman of the conference.

"This conference will explore many areas in which labor shapes the slaves' lives — daily routine, social role, institutions, and social relations of all sorts, and will give careful attention to change over time — the formative years of slavery, the period of slavery's maturity, and the transition from slave life to freedom."

The different types of crops slaves produced — including sugar, rice, tobacco, cotton and wheat — and the different work habits the crops required, resulted in significant cultural variations among slave cultures, Berlin



A late 19th Century woodcut of slaves working in a tobacco field

says.

Rice, for instance, required slaves to perform specific tasks at specific times, allowing the slaves to pursue their own interests, Berlin says. The slaves could devote attention to their own garden plots and animals.

In some cases rice workers were given the burden of feeding themselves, a situation that also led to defacto control of their own plots. This independent action shaped their lives in slavery as well as the eventual transition from slavery to freedom.

While the conference focuses on the role of work in shaping slave life, the issue will not be viewed in a vacuum, Berlin says. Scholars will acknowledge other formative forces such as demography, geography and national politics.

"The trick is to incorporate the old with the new," Berlin says.

For more information on the conference call Ira Berlin at 454-3783. ■

History Dept. Will Offer Wide-Ranging Lecture Series

In addition to the April conference on labor and slave life, the UMCP Department of History will bring speakers on a variety of historical subjects to College Park this spring.

Experts on American history, right wing politics and the French revolution will present history department-sponsored lectures. The lectures, all of which will be held in Francis Scott Key Hall, include:

- Arthur Eckstein, associate professor of history, on "Western Civilization: The Controversy over the Canon" at noon Tues., Feb. 28, in Rm. 2119;

- Nancy Hewett, the University of South Florida, on "From Primacy to Intersection: Recasting Questions of Gender, Race, and Class," at 3:30 p.m. Wed., March 8, in Rm. 1117;

- Charles Maier, Harvard University, on "America and the Reconstruction of Western Europe, 1945-1955" at

3:30 p.m. Thurs., March 16, in Rm. 1117;

- Alan Brinkley, City University of New York, on "Patterns of Conservatism in the Twentieth-Century United States," at 3:30 p.m. Thurs., April 20, in Rm. 0102;

- Panel discussion by four scholars on "The Right in American Politics and Culture: Retrospect and Prospect" at 10:30 a.m. Fri., April 21, in Rm. 1102;

- William Doyle, University of Bristol, on "The French Revolution and the Enlightenment" at 4 p.m. Tues., April 25, in Rm. 1117;

- Don Wilson, archivist of the United States, on "The National Archives and the Academic Community" at 3:30 p.m. Thurs., April 27, in Rm. 0102.

For more information on history department lectures call 454-2843. ■

Art Works by UMCP Artists are Currently Gracing a Hall of Science



"Thunderhead," a painting by Patrick Craig, associate professor of art. Craig is one of 14 UMCP artists who are exhibiting work at the National Academy of Sciences.

Fourteen UMCP art faculty members are exhibiting their work from now through March 31 in the first floor corridor gallery and rotunda at the National Academy of Sciences in Washington, D.C. The exhibit, featuring 31 paintings, graphics and sculptures, is part of the Arts in the Academy program at that institution.

Patrick Craig, associate professor of art and one of the exhibitors, organized the show through contacts at the academy. The exhibition is the only UMCP faculty exhibition scheduled for 1989.

Faculty members who have provided works for the show are: Pamela Blotner, Richard Klank, Claudia DeMonte, David Driskell, Jim Forbes, Ellen Gelman, Patrice Kehoe, Tadeusz Lapinski, Keith Morrison, Henry Niese, Stephanie Pogue, W.C. Richardson, John Ruppert and Craig.

The paintings are on display 9 a.m.-5 p.m. Monday-Friday at the academy, located at 2101 Constitution Ave. N.W. Weekend showings are held by appointment.

For more information call 334-2436. ■

Noted Classical Guitarist to Perform Free Concert

On Sunday, Feb. 19 at 8 p.m. classical guitarist David Richter will present a recital of music by Dowland, Bach, Turina, Albeniz, and Villa-Lobos in Tawes Recital Hall. The free concert is made possible by the National Endowment for the Arts Solo Recitalist Grant Program and the sponsorship of the Friends of the Maryland Summer Institute for the Creative and Performing Arts. The concert, Richter's Washington debut, will mark the second Andres Segovia Memorial Concert sponsored by the Friends of MSICPA. Call 454-5910 for info. ■



Bridges Deteriorating Says UMCP Expert

Civil engineering professor David R. Schelling, a bridge expert at UMCP, was recently asked by Baltimore television station WJZ-TV to inspect two Maryland railroad bridges along Amtrak's heavily traveled Northeast corridor between New York and Washington, D.C. Schelling called for an immediate in-depth analysis of the bridges—one which spans the Bush River, the other which carries trains over the Gunpowder River. The UMCP professor said he was concerned about their condition because they "are deteriorating out there quite rapidly...They are in an abysmal state of repair, and I would recommend an immediate, rigorous in-depth sample analysis of



them," Schelling told *The Sun* newspaper recently. Both Amtrak and the U.S. Federal Railroad Administration officials defended the safety of the bridges.

CLOSE UP

UMCP Civil Engineers Played Key Role in Johnson Bridge Crisis

Last summer, when flaws were discovered in the Gov. Thomas Johnson Bridge that spans the lower Patuxent River in Southern Maryland and links communities in Calvert and St. Mary's counties, UMCP bridge specialists were among the first experts called to the scene.

"We were initially asked by the State Highway Administration to comment on the safety of the bridge support piers and whether or not, in our opinion, the bridge should be closed," recalls James Colville, chair and professor in the Dept. of Civil Engineering.

"After recommending that the bridge be closed, our role changed from consultant to the State to principal advisor in the retro-fit of each pier and the lead party in determining whether the engineering firm that designed the bridge did all it could or should have to prevent or minimize the problem," he notes.

Colville eventually became unofficial leader of a special task force that included David Schelling, associate professor of civil engineering and director of the UMCP-based Bridge Software Research Center (BEST), and Amde Wolde-Tinsae, civil engineering professor, as well as several BEST staff members.

The bridge, which is a mile long and at its highest point rises 140 feet above the river, was designed by Century Engineering Inc. and completed in 1977. It includes 38 reinforced concrete pier caps.

When cracks, discovered in 1979 and which were at first thought to be merely caused by shrinkage, were found growing in some of the piers, the State Highway Administration sought to close the bridge.

Although its designers contended that the cracks posed no threat to the bridge, the state's deputy chief engineer for bridges sought another opinion from a second engineering firm, Diver Brothers, who disagreed with Century. At that point, the UMCP team was called to offer an opinion on the safety of the bridge supports. Based on their recommendation, the bridge was closed on June 20.

"The 38 concrete piers that carry the bridge deck across the river are almost all different," Colville says. "They are different in shape, different in the amount of reinforcing steel used, and different in terms of loading. Each had to be looked at separately. Eight of the 38 were deep water piers that carry the bridge over the river's main shipping channel. They are 40 feet deep and eight feet thick, con-



James Colville

structed of massive concrete."

It was these eight piers that the consultants agreed had to be repaired immediately.

"We worked under tremendous pressure," Colville recalls. The State was committed to reopening the bridge by Labor Day. The UMCP team began feeding information and data including the results of computer-aided analysis to the State Highway Administration on a daily basis.

"We examined the piers in pairs and individually to determine whether they were able to carry the load as they were, or if not, to provide calculations on how many post tensioning rods would be needed to strengthen each pier cap. We were trying to keep ahead of the contractor."

Colville notes that the Johnson bridge is a non-redundant system in the deep water pier region of the span. There are only two main girders

on the eight deep water piers and 16 cracks, some running 7 to 8 feet long and from .01 to .015 inches deep, had developed originating from pockets of concrete that had been poured separately during their construction.

"The cracks were not in themselves alarming but the fact that there were growing was a serious problem," Colville says. "It was a progressive problem."

"We were very concerned that if there was a failure, there would be no place for the load to go," he adds.

The solution was to install steel plates on each end of the piers and tie them together with high strength steel rods which were then post-tensioned in place by the contractor. The pressure of the rods and plates on the pier caps increases the ability of the concrete to bear the weight of the bridge without further cracking.

"The effect is like a giant rubber band or staple — a big clamping force placed across each crack to hold it together," the UMCP professor explains.

In addition to the eight deep water piers, the UMCP team recommended that 12 additional piers be retrofitted as well.

Colville notes the State has expressed its appreciation of the fact that the university responded to this crisis in a timely and technically competent manner. ■

—Tom Ottwell

CALCE — Insuring Reliable Design of Complex Electronic Systems

"To design for high performance and highly reliable electronic equipment, electronics must be designed to withstand vibrational and thermal-mechanical stresses," says Michael Pecht, director of CALCE, the new Computer Aided Life Cycle Engineering Center at UMCP.

"That equipment also must be producible, reliable, maintainable and cost effective," he adds.

If it is to be effective, this unified life cycle engineering approach to design must provide efficient interaction among design disciplines, optimization among competing design goals, state-of-the-art design and analysis tools, and decision support for the design engineer.

These are the goals of the CALCE Center.

Pecht is an associate professor who holds a joint appointment in Dept. of Mechanical Engineering and the Systems Research Center.

The CALCE effort focuses on systems design, engineering design tasks and workstation and human factors issues as they pertain to electronic equipment design. Emphasis is on the establishment of a software environ-

ment that integrates all aspects of the electronics equipment design process.

CALCE was established in 1988 by a planning grant from the National Science Foundation. The center grew from work initially funded by Westinghouse dealing with the computer-aided design of printed circuit board. Some of this work was later funded by NSF as part of the Systems Research Center. The CALCE Center was, in effect, spawned by the SRC. In fact, industrial members of the CALCE Center automatically become members of the SRC.

The CALCE Center is a cross-disciplinary program of research and instruction in life cycle design, modeling and analysis, measurement science, computer aided engineering, and artificial intelligence with a focus on electronics design. It operates within the administrative structure of the College of Engineering whose dean George Dieter serves as the College's representative in the center.

Through its collaborative program with industry and government, the center offers what Pecht says is immense potential for research that will have a significant impact on America's competitive capabilities. This col-



The Ling vibration testing equipment and computer accessories are used to evaluate circuit board and assembly response to vibration and shock loading.

laborative program includes joint research projects, industrial visitors to UMCP, faculty and student visitors to industry, intensive short courses and workshops, colloquia and seminars.

Six private sector firms recently became affiliated with CALCE. They are Westinghouse Electronics, GTE, Control Data, Northrop, General Dynamics, and Texas Instruments.

Pecht holds a B.S. in acoustics, an M.S. in electrical engineering, and an M.S. and Ph.D. in engineering mechanics from the University of Wisconsin at Madison. He has been awarded a Westinghouse Professorship, the Outstanding Systems Engineering Faculty Award, and was a visiting scholar at the U.S. Air Force Institute of Technology at Wright-Patterson AFB. Presently he is editor of the

IEEE Transactions on Reliability.

Other engineering department faculty involved with the project include Shapour Azarm, whose specialty is decision tools and optimization; Marino DiMarzo, Ugo Piomelli and Jay Gore in thermal analysis and modeling; Ahbijit Dasgupta on fatigue; Henry Haslach on materials characterization, and Donald Barker whose field is measurement science.

"The CALCE Center represents a commitment by the National Science Foundation and the University of Maryland to the present and future development of systems engineering technology," Pecht says. "Its program represents an example of advanced computer technology being used to enhance human engineering skills and creativity."

Applications Accepted for Spring GRB Awards

The Graduate School recently announced the winners of the fall General Research Board Awards, and a partial list of the recipients is printed in this issue on page two. However, the Graduate School is now accepting applications for the spring General Research Board Research Support and Book Subsidy Awards. Application forms have been sent to the departments, but additional forms may be obtained from Maureen Smith, Room 2133B, Lee Bldg. The deadline for all applications is 12 noon on Tuesday, Feb. 21. Recipients will be notified in mid-April. For more information, call 454-4001.

COLLEGE PARK PEOPLE

Surrounded by Lush Greenery, Linda Dallas Quietly Manages Harrison Labs

Linda Dallas insists that she has no plants at home.

"No, not a one," she says. "I have too many to care for at work."

Dallas does have plenty to care for on the job. As manager of the Harrison Laboratory greenhouses, she tends to thousands of plants each day. In December, for example, Dallas and her greenhouse workers watered, fed and cared for about 5,000 poinsettias alone.

The greenhouse lab, located on the east side of Route One, is the site of many research projects conducted by faculty and graduate students in botany, horticulture, and entomology. Because of the sheer number of plants involved in many experiments, investigators alone cannot care for their plants. That is where Dallas and her staff come in.

With the poinsettias, for example, several campus researchers were conducting experiments, including the development of a few new varieties.

"Our staff was responsible for

watering and fertilizing all those plants," Dallas explains. "We measured their heights, counted flower heads, and tried out different substances that might be useful in getting rid of white flies on the plants. We even evaluated some poinsettias in darker conditions like you would have in your home to see how long the plants last after the greenhouse."

Most of the poinsettias are used in the December commencement ceremonies, but when they are gone in January, Dallas and her coworkers don't have time to relax. When asked how many research projects typically are being conducted at the greenhouses at one time, Dallas said she was not sure, only that there were "lots and lots."

"Almost every greenhouse has at least one research project in it. We fill out data sheets on each experiment, check the plants for insects and disease and control the different temperatures and humidities in each greenhouse."



Linda Dallas proudly displays the poinsettias she has tended.

Dallas says that she especially likes working with the graduate students on their experiments. They come to her for advice on how to set up a project, and she helps them find certain items they need. She says the graduate students think of her as a mother.

"Well, all these graduate students are kind of like my children, too," she admits.

With a degree in horticulture, Dallas began her career as farm manager of the Plant Research Farm on Cherry Hill Road but was transfer-

red to the greenhouses 15 years ago. With no previous experience in greenhouse work, Dallas thought she would be a technician. When she was told she would be greenhouse manager, she was excited but very nervous. She learned a lot on the job those first few years.

Dallas says she loves her work at the greenhouses and hopes to continue there for a long time.

That should mean no plants at her house for at least a little while longer. ■

—Jan Barkley

Campus Police Encourage Community Dialogue



Heidi Fishbein and Officer Russell Johnson



Officer Laura Frey and George Ginovsky

Photo credit: Steven Kowa

Sharp Eyes at Language Media Center

One evening several months ago while **Jaunita J. Landis** was going about her routine supervisory duties at Jimenez Hall, she noticed a television set and a videocassette recorder in an unlocked classroom.

The building service supervisor quickly assessed the value of the untended equipment and the potential loss that could result. She moved the video gear to a safe place in Jimenez and, with her usual care, left a note to the staff of the Language Media Center as to where it could be found the next morning.

In a letter to Building Services Manager Harry Teabout, the center's director James E. Royalty wrote: "I am deeply gratified and thankful for

Juanita's action. I now feel better about going home at night knowing my center, with its large collection of media resources, has an extra layer of protection. . . Any loss of equipment of this type usually means at some point someone has to do without."

Landis' supervisors were not surprised. She is considered an outstanding employee who for the last 15 years has been known for her dependability and for putting forth an extra effort.

Landis began her service at UMCP as a housekeeper and was promoted to service work chief. She has recently been serving in an acting capacity as service work supervisor. ■

Campus Trio Becomes Crime Busting Team

Three Building and General Services employees earned the thanks of a UMCP police department detective and a letter of commendation for their quick thinking.

One evening late last June, Mary Davis, Paula Sanders and Elizabeth Barnes were getting ready to go off duty and return to the General Services Building. While standing at the rear of the Chemistry Building, they saw two men carry what appeared to be a computer or other piece of office equipment and put it in a car parked in Lot X.

Because of the lateness of the hour, the women became suspicious and they wrote down the car's tag number and called the campus police.

Their quick thinking led to the ar-

rest of one man for the theft of a Canon copy machine from the Chemistry Building's White Memorial Library.

In a letter to Elwood Gross, assistant director of Building and General Services, Detective First Class Robert Mueck wrote: "I can't tell you how happy it made me that these three great ladies took the initiative to write down the tag. It doesn't take much to do that, but it is my experience that most people just don't pay attention to things like that, and we end up with a lot of thefts on campus and no one to go after. You have a great trio working for you and I thought I should make you aware of it." ■

Theatrical View of Hemingway Set for Recital Hall

The Tip of the Iceberg: Hemingway's Stories on Stage, a chamber theatre production that focuses on the short fiction of Ernest Hemingway will be presented at 8 p.m., Feb. 15, in Tawes Recital Hall. The Readers Theatre Ensemble of the University of North Carolina at Greensboro will perform an original chamber theater production co-written by a UNCG faculty member. The production will include the following Hemingway short stories: "A Day's Wait," "The Sea Change,"

"Old Man at the Bridge," "A Clean, Well-Lighted Place," "Cat in the Rain," "Hills Like White Elephants" and "Indian Camp." The event is sponsored by the English department and undergraduate studies. A contribution is requested. The event is sponsored by the English Department and Undergraduate Studies. For further information about the production call 454-6957.

LETTERS TO THE EDITOR

Readers Respond to Anonymous Letter

Letter to Outlook Readers

In the last fall issue of Outlook on December 12, I included a Letter to the Editor on the subject of tenure and promotion of women. The letter was anonymous. Though I had reservations about publishing an anonymous letter, finally I decided to do so because I felt the subject was sufficiently important to warrant printing an unsigned letter.

Responses were quick in coming, and they are printed below. It's clear that people are reading Outlook and some are taking time to respond. We'd like to receive more letters, but, of course, we hope some will be a bit less critical.

But in this case, your letters served a valuable purpose. Outlook has never received an anonymous letter before, and therefore, did not have a publication policy in hand when this letter arrived. Now, after giving the

issue considerable thought, we do.

We hope that we continue to receive many letters reflecting a variety of viewpoints on campus issues and problems. But we request that they be signed. If a letter is signed and the author requests that the name be withheld from publication for some significant reason, we will consider the matter carefully before making a decision whether to publish the letter anonymously. Frankly, we hope we don't have to make that difficult decision.

We'd like to believe that any member of the campus community writing to Outlook would be confident enough to state any point of view—and his or her name—without fear of reprisal.

After all, that's what a university is all about.

Roz Hiebert, Editor

Editor:

To publish anonymous letters is to degrade your publication and to insult your readers.

Sincerely, Marvin A. Breslow,
Associate Professor, History

Editor:

I was surprised to see Outlook publish an anonymous letter from a person identified as not a member of the campus community without troubling to check its accuracy in commenting on my original communication concerning women in the Department of English.

The two women in the department who went on to distinguished posts elsewhere were appointed as associate professors, not as full professors as the anonymous letter asserts. The then entirely male senior faculty recommended both for promotion early and, as I recall, unanimously. The faculty strongly supported Professor Annette Kolodny as well.

It also happens that, during the longest recent period when women in the department were at times denied recognition by administration after affirmative faculty recommendations, the chairperson and the provost were themselves women.

Outlook declares it welcomes a variety of viewpoints. Good. It should not welcome unverified charges and innuendo.

Faithfully, Morris Freedman,
Professor, English

Editor:

In its issue of 12 December, Outlook publishes an anonymous letter. The use of anonymity erodes the worth of the publication and insults the campus. I hope its editor will publish a retraction.

Sincerely, Angelo Bardasis,
Professor, Physics, and Associate Chairman for Academic Affairs

Editor:

Anonymity, whose companion Confidentiality is often highly prized by academicians, similarly guarantees many freedoms. Prominent among them is freedom from the restraints of fact of accuracy—never mind fairness. Permit me to correct the errors anonymously presented as "information" in your Dec. 12 issue.

1. "The other women (Morris Freedman) mentioned were all full professors when the (English) department hired them..." Not so. Marjorie Perloff and Shirley Strum Kenny were hired as associate professors in 1971. I know, because I was the only person hired at senior rank that year. In time I came to feel like John Henry Johnson in a backfield with two Hall-of-Famers, Hugh McIlhenny and Joe Perry. Bob Kilker, also hired in Freedman's best recruiting year (also one of Driesell's best), achieved his star status elsewhere (like Y. A. Tittle, who completed that fabled 49er foursome), dealt to RTVF (for future considerations or a player to be named later?)

2. Annette Kolodny may indeed have left because her appointment at senior rank was "in doubt," but the department had little doubt either of her ability or its wish for her appointment. The doubts came from administrative levels and, in fairness, were communicated to her.

3. The woman "with a book on Southern women" was not finally denied tenure and promotion. The department recommended her in 1984 and again, by a significantly greater majority, in 1985. She was denied at one administrative level or another the first time, but her case was never resolved the second time because she had made a commitment elsewhere. It had been *rumored* and/or *supposed* that her tenure and promotion were in doubt, despite strong support in the department (according to my figures a 74 percent favorable vote), and that may have influenced her decision.

4. The woman "with a book on style," if I have in mind the same person Anon. means, was supported by a less than impressive departmental majority (in my eighteen-year memory only one woman has failed to receive majority support for tenure in the department) and was turned down at administrative levels. But Anon. may be thinking of another woman, one of whose books dealt with stylistic matters. She was also denied, but after receiving substantial support in the department (72 percent). That same year a man with only 50 percent support in the department was approved. In fact, that woman was ranked by departmental vote ahead of *three* other candidates who were eventually tenured and promoted.

If indeed Maryland has a bad reputation "among feminist scholars for its treatment of women," the English department is taking the rap for the administration. Two other cases come to mind when the department's vigorous support of women who had been turned down on their first review helped overturn administrative reluctance during the "appeal year."

Anon. says the issue should be pursued. I agree, but in order to correct what Anon. calls "information" I have violated confidentiality. So be it. How else to answer the inaccurate, the distorted, the defamatory? What interests, whose interests are served in such a case by anonymity, confidentiality, deniability, black boxes, star chambers, or sub-rosa conspiracies of silence or disinformation? The "integrity" of a system that breeds abuse and encourages misrepresentation under the protection of secrecy?

In its appropriate place I have the highest regard for confidentiality. As a clinical social worker I guarantee confidentiality to my clients, but it is not absolute—exceptions are imposed both legally and ethically (e.g., child abuse must be reported). As a teacher I guarantee confidentiality to students who write journals for class projects; but though I have never had occasion to violate that guarantee, I can think of situations in which I would (clear threat of the writer doing harm to self or others).

On matters of tenure and promotion, however, I believe the record should be made public, that administrators, above all, ought to be accountable and held accountable. Accountability should also attach to writers and publishers of letters. Perhaps, from time to time Outlook might want to publish letters and withhold writers' names on request. But if the letters are submitted anonymously—the writers having thus avoided accountability—the editors must themselves assume responsibility for accuracy as well as taste.

Don't regulate yourselves into hard-and-fast corners; don't etch policy in stone. It's not policy I'm getting at here, but practice, which in the case of *that* anonymous letter was highly questionable. But in the interest of open discussion of issues, leave room for judgment. I would just have you bear in mind that openness, responsibility, accountability, due process and good faith are rarely served by cloaking either substance or process in secrecy.

Neil D. Isaacs Professor,
Department of English

Computer Workstations for Students Dedicated



Glenn Ricart, director of the Computer Science Center, and President William E. Kirwan, try out personal computers Jan. 31 at the dedication of "Workstations at Maryland" (WAM) in the Centreville dormitory. Ninety-six computer workstations purchased by the university were dedicated for student use and are now available in Centreville and Worcester dorms. Equipment and facilities are also being updated at the Computer Science Center and Hombake Library as more computer purchases are made.

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